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03500.016023.1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re Application of:

YOSHIMI UDA, ET AL.

Application No.: 10/637,624

Filed: August 11, 2003

For: SUBSTRATE HAVING FINE  
LINE, ELECTRON SOURCE AND  
IMAGE DISPLAY APPARATUS

Group Art Unit: 1732

March 10, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are enclosed.

Each of the listed documents was cited in a Official Letter which issued in a Japanese application corresponding to the subject application. A copy of the Japanese Official Letter, which is dated February 1, 2005, is enclosed.

An English-language translation of the Japanese Examiner's comments marked by \*① on the Official Letter is as follows:

The present invention defined in the claims is obvious for those skilled in the art in view of following documents 1-4, and therefore cannot be patentable according to Article 29, Paragraph 2 of the Japanese Patent Law.

NOTE

With regard to claims 1-12, Documents 1-4 are cited.

In view of disclosures of following documents 2-4, forming a groove on a surface for reducing a thermal stress is a well-known design matter, and can be used readily instead of forming a gap between a substrate and a wiring as disclosed in following document 1.

Further, arrangement (interval, depth, direction, etc.) of the groove is an obvious design matter readily deduced within a range so as to degrade a function of five wirings.

And, it is well-known that, after providing a paste material on a substrate, the material is heated and formed five wiring.

Cited References

1. JP 7-65649
2. JP 3-145748
3. JP 63-248195
4. JP 60-146225

English-language abstracts for JP 60-146225, JP 3-145748, JP 7-65649 are enclosed.

Also enclosed is a partial English-language translation of JP 63-248195.

STATEMENT UNDER 37 C.F.R. § 1.97(e)

Each item of information in this Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing date of this Statement.

### FORMAL MATTERS

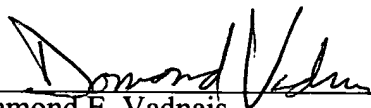
No fee is believed due; however, any fee required in connection with this paper should be charged to Deposit Account No. 06-1205.

### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

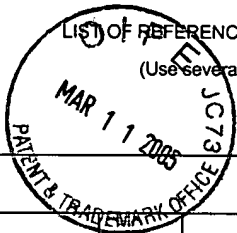
Respectfully submitted,



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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO. 03500.016023.1		APPLICATION NO. 10/637,624	
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			APPLICANT Yoshimi Uda, et al.			
			FILING DATE August 11, 2003		GROUP 1732	



U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
	60-146225	08/01/85	Japan			Abstract	
	63-248195	10/14/88	Japan			Partial translation	
	3-145748	06/20/91	Japan			Abstract	
	7-65649	03/10/95	Japan			Abstract	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1